

CLAIM AMENDMENTS

Claims 1-4 (Cancelled)

Claim 5 (Currently Amended) A sink comprising:

a basin having side walls and a bottom wall, with an opening in the bottom wall;

a separation vessel formed underneath said basin, ~~extended—continuously~~ said separation vessel having downwardly extending sidewalls that extend in a continuous manner directly vertically downward from said opening, and are commensurate with a perimeter of said opening, said separation vessel communicating with said basin via said opening into which wastewater flows, said separation vessel forming vertically a first part of a letter U-shaped passage which begins at said opening, therein separating oil content from said wastewater based on the difference in specific gravity between said oil content and water;

a water storage vessel forming a second part of the letter U-shaped passage which begins at said opening as a whole together with said separation vessel and storing said wastewater sent from said separation vessel up to a predetermined water level;

a draining means to make flooding water from said water storage vessel flow out; and

an opening/close means provided at a side of said separation vessel in a place located at said predetermined water level, for recovering said separated oil content floating inside said separation vessel.

Claim 6 (Previously Presented)

The sink as claimed in Claim 5,
wherein said draining means has a buffer vessel, which is formed between said separation vessel and water storage vessel, for buffering a stream of said flooding water.

Claim 7 (Previously Presented)

The sink as claimed in Claim 5,
wherein said separation vessel and said water storage vessel have a common partition member for forming said letter U-shaped passage, and said draining means has a structure with an inlet formed at position of said predetermined water level on a circumferential side wall of said water storage vessel and a pipe-shaped member formed out so as to connect said inlet and outside of said water storage vessel.

Claim 8 (Previously Presented)

The sink as claimed in Claim 5,

wherein said separation vessel and said water storage vessel have a common partition member for forming said letter U-shaped passage, and said draining means has an inlet formed at position of said predetermined water level within said water storage vessel and a pipe-shaped member formed therein so as to connect said inlet and outside of said water storage vessel.

Claim 9 (Previously Presented)

The sink as claimed in Claim 5, further comprising:

a second means for opening and closing the separation vessel provided in a front lower part of said separation vessel for depleting sedimentary garbage in said separation vessel, at a place below said predetermined water level.

Claim 10 (Currently Amended)

A sink comprising:

a basin having two side walls, a front wall and a back wall; wherein the front wall and the back wall are bent toward each other and then bent vertically downward to form a bottom wall of the basin with an oblong, horizontal opening in the bottom wall;

a separation vessel ~~provided~~ formed underneath the basin ~~continuously~~ , said separation vessel having

downwardly extending sidewalls that extend in a continuous manner directly vertically downward from said opening, and are commensurate with a perimeter formed by said opening, where said separation vessel has two side walls formed by the same piece of material as the two side walls of the basin and a front wall and a back wall formed by the same piece of material as the front wall and back wall of the basin bent vertically downward at the opening;

a water storage vessel underneath the basin, where the water storage vessel is horizontally adjacent and in fluid communicating with the separation vessel in a form of a U-shaped water passage which begins at said opening;

a draining means connected to the water storage vessel at a place with a height of a predetermined water level; and

a opening/closing means provided at the front wall of the separation vessel at a place with the same height as the draining means.

Claim 11 (Currently Amended)

A sink comprising:

a basin having side walls and a bottom wall with an opening in the bottom wall;

~~a separation vessel formed underneath the opening ,
the separate vessel communicates with a water storage
vessel forming a U-shaped water passage;~~

a separation vessel formed underneath said basin, said
separation vessel ~~extended continuously~~ having downwardly
extending sidewalls that extend in a continuous manner
directly vertically downward from said opening, and are
commensurate with a perimeter of said opening, said
separation vessel forming vertically half of a letter U-
shaped passage which begins at the opening;

a total oil recovering system comprising a draining
means in the water storage vessel at a height of a
predetermined water level and an open/close means on a side
of the separation vessel at the same height as the draining
means.